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Date of Deposit: June 30, 2000

Kelli J. Withrow
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* * *

The Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

INVENTORS: David Hestenes
Alyn Rockwood
Hongbo Li

FOR: SYSTEM FOR ENCODING & MANIPULATING MODELS OF OBJECTS

Enclosed are:

- ```
[23] pages of specification, claims and abstract
[5] sheets of informal drawings
[X] Declaration and Power of Attorney
[] Assignment of the application to Mitsubishi Electric Information
 Technology Center America, Inc.
[X] Information Disclosure Statement [] Preliminary Amendment
 []
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The filing fee is calculated as follows:

| CLAIMS AS FILED          |                 |                 |                 | AMOUNT    |
|--------------------------|-----------------|-----------------|-----------------|-----------|
|                          | NUMBER<br>FILED | NUMBER<br>EXTRA | LARGE<br>ENTITY |           |
| Basic Fee                | 15              | 0               | \$ 690.00       | \$ 690.00 |
| Total Claims             | 15              | -20 =           | x18.00          |           |
| Independent              |                 |                 |                 |           |
| Claims                   | 1               | -3 =            | x78.00          |           |
| Assignment               |                 |                 |                 |           |
| Recording Fee            |                 |                 | 40.00           |           |
| Multiple Dependent Claim |                 |                 |                 |           |
| Fee                      |                 |                 | 260.00          |           |
| Other                    |                 |                 |                 |           |
| TOTAL FEE                |                 |                 |                 | \$ 690.00 |

- [X] Please record the accompanying Assignment.
- [X] Please charge Deposit Account No. 50-0749 in the amount of \$690.00.
- [X] The Assistant Commissioner for Patents is hereby authorized to charge any additional fees due or credit any overpayment to Deposit Account No. 50-0749.

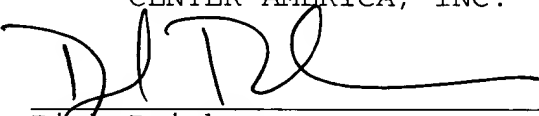
All future correspondence should be addressed to:

Patent Department  
Mitsubishi Electric Information Technology  
Center America, Inc.  
201 Broadway  
Cambridge, Massachusetts 02139

Duplicate copies of this letter are enclosed.

Respectfully submitted,  
MITSUBISHI ELECTRIC INFORMATION TECHNOLOGY  
CENTER AMERICA, INC.

By:

  
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I hereby certify that this paper is being deposited with the United States Postal Service "EXPRESS MAIL Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents; Washington, DC 20231.

Kelli J. Withrow

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APPLICATION FOR UNITED STATES LETTERS PATENT

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Title:       SYSTEM FOR ENCODING AND MANIPULATING MODELS OF  
              OBJECTS

Inventors:     David Hestenes  
                  Alyn Rockwood  
                  Hongbo Li